

## FAX TRANSMITTAL COVER SHEET

TO: U. S. Patent and Trademark Office  
Technology Center 1600  
Attn: Examiner, Padmavathi Baskar  
Art Unit: 1645

FAX NO.: (703) 872-9306

DATE: November 3, 2004

FROM: Carol G. Mintz

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CLIENT NO.: 1889-00401

TOTAL NUMBER OF PAGES (INCLUDING THIS ONE)

6

COMMENTS: Re: U.S. Patent Application No. 09/833,017  
Filing Date: April 10, 2001  
Applicant(s): Dennis Cvitkovitch et al.

The following documents are attached for filing:

Transmittal Form (PTO/SB/021) (1 p.)

Amendment and Response to Office Action dated September 3, 2004 (4 p.)

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PTO/SB/21 (09-04)

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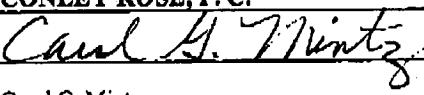
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/833,017
		Filing Date	April 10, 2001
		First Named Inventor	Dennis Cvitkovitch et al.
		Art Unit	1645
		Examiner Name	Padmavathi Baskar
Total Number of Pages in This Submission		Attorney Docket Number	1889-00401

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment/Reply  <input checked="" type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  <input checked="" type="checkbox"/> Fax Transmittal Cover sheet
	Remarks	

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm	CONLEY ROSE, P. C.		
Signature			
Printed name	Carol G. Mintz		
Date	November 4, 2004	Reg. No.	38,561
<b>CERTIFICATE OF TRANSMISSION/MAILING</b>			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or Printed Name	Frances Hampton		
Signature		Date	November 4, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/833,017 Confirmation No. 8365  
Applicants : Dennis Cvitkovitch et al.  
Filed : April 10, 2001  
For : Signal Peptides, Nucleic Acid Molecules and  
Methods for Treatment of Caries

TC/A.U. : 1645  
Examiner : Padmavathi Baskar

Customer No.: 23505  
Atty. Dkt. No.: 1889-00401  
Date: November 4, 2004

**AMENDMENT AND RESPONSE TO OFFICE ACTION DATED SEPTEMBER 3, 2004**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3 of this paper.

Remarks/Arguments begin on page 4 of this paper.